

In the Claims

1 – 8 (Cancelled).

S20 79. 9. (Currently Amended) A parking space locating system comprising:
at least one vehicle detector disposed proximately to an associated parking space
and configured to output an occupied /vacant signal along with an associated space identifier
according to whether said vehicle detector detects that a vehicle is present/absent in/from said
associated parking space respectively;

~~a processor system central processor~~ in communication with said at least one
vehicle detector via at least one communication link;

wherein said ~~processor system central processor~~ is programmed to receive at least
one of said occupied/vacancy signals along with said associated space identifiers and maintain an
updated database of said occupied/vacant signals along with associated space identifiers,

*Cl
cont'd.* wherein said ~~processor system central processor~~ integrates said database with
geographical map data including a geographical area of said parking space(s) and generates ^{standard} *an electronic street map*
~~a data structure~~ which is capable of being displayed on a computer device screen as a graphical
map, said graphical map having sufficient detail to distinguish individual parking spaces,
wherein said occupied/vacant signal is indicated at a corresponding location on said graphical
map;

wherein said ~~processor system central processor~~ is further programmed and
configured to quickly communicate updated graphical map data structures including updated
occupied/vacant signal indication to a network.

10. (Original) The system according to claim 9 wherein said network comprises a
publicly accessible network.

11. (Original) The system according to claim 9 wherein said network includes the
internet.

12. (Original) The system according to claim 9 wherein said at least one vehicle detector is disposed in a parking meter.

13. (Original) The system according to claim 9 wherein said at least one communication link is an electrical transmission line.

14. (Original) The system according to claim 9 wherein said at least one communication link is a microwave link.

15. (Original) The system according to claim 9 wherein said at least one communication link is a fiber optic link.

16. (Original) The system according to claim 9 wherein said at least one vehicle detector is an ultrasonic metal detector.

17. (Previously Presented) A method of notifying motorists of vacant parking space locations comprising the steps of:

detecting the presence or absence of a vehicle in at least one identifiable parking space;
generating a signal to represent the presence or absence of a vehicle in at said at least one identifiable parking space;

associating said signal with a respective space identifier;
interpreting said signal along with said respective space identifier as space identifier data;
integrating said space identifier data with digital street-map data describing an area including said at least one identifiable parking space to form an active street-map; and
communicating said active street-map to a network.

18. (Cancelled)

*wherein said active street map
being generated by a standard
computer system.*

19. (Original) The method according to claim 17 further comprising the steps of: communicating said active street map to a mobile-accessible network; determining a user's location using GPS information; displaying an active-street map of an area including the user's position.

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Cond.*

20. (Original) The method according to claim 17 further comprising the steps of: periodically updating said active street-map by repeating said step of interpreting said signal along with said respective space identifier as space identifier data; and repeating said step of integrating said space identifier data with digital street-map data describing an area including said at least one identifiable parking space to form an active street-map.
